

HSSTAC SUMMARY

Homeland Security Science and Technology
Advisory Committee

September 27, 2012

Mary Hanson

Executive Director

Homeland Security Science and Technology Advisory Committee (HSSTAC)

Science and Technology Directorate



**Homeland
Security**

Science and Technology

Operates Under FACA

Federal Advisory Committee Act

- Brings outside expertise into the federal government
- Ensures “that advice...is objective and *accessible to the public.*”
- 1000+ exist today (26 in DHS)



DHS FACA Committees

DHS	Aviation Security Advisory Committee
DHS	Board of Visitors for the National Fire Academy
DHS	Chemical Transportation Advisory Committee
DHS	Commercial Fishing Safety Advisory Committee
DHS	Data Privacy and Integrity Advisory Committee
DHS	Delaware River and Bay Oil Spill Advisory Committee
DHS	Departmental Advisory Committee on Commercial Operations of Customs and Border Protection and Related Functions
DHS	Expert Panel on Cost Estimating for the Public Assistance Program
DHS	Great Lakes Pilotage Advisory Committee
DHS	Homeland Security Advisory Council
DHS	Homeland Security Information Network Advisory Committee
DHS	Homeland Security Science and Technology Advisory Committee
DHS	Houston-Galveston Navigation Safety Advisory Committee
DHS	Lower Mississippi River Waterway Safety Advisory Committee
DHS	Merchant Marine Personnel Advisory Committee
DHS	Merchant Mariner Medical Advisory Committee
DHS	National Boating Safety Advisory Council
DHS	National Infrastructure Advisory Council
DHS	National Maritime Security Advisory Committee
DHS	National Offshore Safety Advisory Committee
DHS	Navigation Safety Advisory Council
DHS	President's National Security Telecommunications Advisory Committee
DHS	The Department of Homeland Security National Advisory Council
DHS	Towing Safety Advisory Committee
DHS	U.S. Customs and Border Protection Airport and Seaport Inspections User Fee Advisory U. S. Customs Service COBRA Fees Advisory Committee

Federal Register Notice



The screenshot shows a web browser window displaying the Federal Register website. The address bar shows the URL <https://www.federalregister.gov>. The page header includes navigation menus for Sections, Browse, Search, Policy, Learn, Blog, and My FR. The main content area features the Federal Register logo and the title "Homeland Security Science and Technology Advisory Committee (HSSTAC)". Below the title, it states "A Notice by the Homeland Security Department on 09/13/2012". A comment period notice indicates that the article has a comment period that ends in 2 days (09/25/2012). The main text under the "ACTION" section reads: "Committee Management; Notice Of Federal Advisory Committee Meeting." The "SUMMARY" section states: "The Homeland Security Science and Technology Advisory Committee (HSSTAC) will meet on September 27-28, 2012 in Washington, DC The meeting will be open to the public." The "TABLE OF CONTENTS" section lists "DATES:", "ADDRESSES:", and "FOR FURTHER INFORMATION CONTACT:". The "DATES:" section specifies: "The HSSTAC will meet Thursday, September 27, 2012, 9 a.m.-4:30 p.m. and Friday, September 28, 2012, 9 a.m.-3:30 p.m. The meeting may close early if the". The right sidebar contains a "LEGAL DISCLAIMER" box, font controls, and a "Publication Date" section indicating the notice was published on Thursday, September 13, 2012, by the Department of Homeland Security. The taskbar at the bottom shows several open applications, including Google, HSSTAC-related files, and a PPTS application.



HSSTAC Snapshot

- Only formal advisory committee for DHS S&T
 - First met in 2004 as a statutory committee
 - Discretionary since 2009
 - Five reports and numerous white papers so far
 - Reconstituted and re-chartered in 2011
- Members appointed by DHS Secretary
 - Membership must be balanced re: “function and viewpoint”
 - *Up to* 20 members for two-year terms
 - Special Government Employees (SGEs)
 - 30 members total have served so far
 - 11 members appointed in June 2012

HSSTAC Members 2012

Name	Title
Steven Bellovin*	Chief Technologist, Federal Trade Commission; Professor of Computer Science, Columbia University
Kathleen Carley	Professor of Computation, Organization and Society, Carnegie Mellon University
John Carrano	President, Carrano Consulting
Julie Casani *	Director of Public Health Preparedness and Response, North Carolina
Phil DePoy *	Consultant
Dean Kamen	President, DEKA Research and Development Corporation
Alexander Levis *	University Professor of Electrical, Computer, and Systems Engineering, George Mason University
Mark Lister	President, StratTech, Inc.
Jack Parow	President, International Association of Fire Chiefs (IAFC)
Yossi Sheffi <i>(not yet confirmed)</i>	Elisha Gray II, Professor of Engineering Systems, Massachusetts Institute of Technology (MIT)

HSSTAC Objectives

- *Consensus* scientific and technical advice to Under Secretary
- Addresses areas *such as* systems engineering, cybersecurity, knowledge management, leveraging related technologies
- Advises on policies, management processes and organizational constructs as needed
- Advises HSAC as requested

Source: *HSSTAC Charter*



HSSTAC Focus Areas

- Behavioral sciences
- Biological defense
- Border protection
- Chemical defense
- Cyber security
- Explosives detection
- First responders
- Innovation
- Intelligence
- Technology leveraging

As of DEC11



HSSTAC Subcommittees

- To be assigned as needed
- Chairman to select members
- Can be just 3-4 members each
- Can bring in consultants
- No public notice required
- Documentation *is* required
- Designated Federal Officer (DFO) must attend

Virtual Meeting Option



Homeland Security Information Network (Login) - Windows Internet Explorer

https://auth.hsin.gov/opensslo/UI/Login?service=HSINCustomGOV&goto=https%3A%2F%2Fgovernment.hsin.gov%3A443%2Fdefault.aspx

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Homeland Security Information Network

Welcome to HSIN

New Look with Improved Security

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You are accessing a U.S. Government information system, which includes (1) this computer, (2) this computer network, (3) all computers connected to this network, and (4) all devices and storage media attached to this network or to a computer on this network. This information system is provided for U.S. Government-authorized use only. Unauthorized or improper use or access of this system may result in disciplinary action, as well as civil and criminal penalties. By using this information system, you understand and consent to the following: You have no reasonable expectation of privacy when you use this information system; this includes any communications or data transiting or stored on this information system. At any time, and for any lawful government purpose, the government may, without notice, monitor, intercept, search and seize any communication or data transiting or stored on this information system. The government may disclose or use any communications or data transiting or stored on this information system for any lawful government purpose, including but not limited to law enforcement purposes. You are NOT authorized to process classified information on this system.

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U.S. Department of Homeland Security

(1 item remaining) Waiting for https://auth.hsin.gov/opensslo/UI/Login?service=HSINCustomGOV&goto=https%3A%2F%2Fgovernment.hsin.gov%3A443%2Fdefault.aspx

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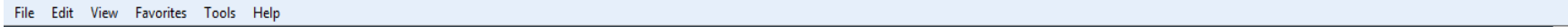
HSSTAC Past Reports

- IEDs: Coming to America (Feb. 29, 2008)
- Chemical and Biological Defense Issues (Dec. 1, 2008)
- Cyber Security Issues – 1 (Dec. 1, 2008)
- Program Assessment – 1 (Dec. 1, 2008)
- Maritime Improvised Explosive Devices: Threat and Response (Oct. 1, 2008)


All FOUO/not For Public Release

Former Member Comments

- “It gave me more insight into how things work at the federal level.”
- “I got a better appreciation for the challenges faced by DHS, having to act and form itself simultaneously. The general public doesn’t seem to get that.”
- “Organizational issues seem to come up over and over.”



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Science and Technology Directorate Homeland Security Science and Technology Advisory Committee

The Homeland Security Science and Technology Advisory Committee (HSSTAC) serves as a source of independent expert advice to the Under Secretary for Science and Technology.

Current HSSTAC Meeting Information

September 27 – 28, 2012

- [Federal Register](#) Notice for Meeting
- [Meeting Agenda](#)

Authorities

- [HSSTAC Charter](#)
- [Notice of Establishment of Committee](#)

HSSTAC Leadership

- [HSSTAC Members](#)

Past Meetings

- July 20-21, 2010 (closed) | [Meeting Notice](#)
- April 20-22, 2010 (closed) | [Meeting Notice](#)
- January 26-28, 2010 (closed) | [Meeting Notice](#)
- October 20-22, 2009 (closed) | [Meeting Notice](#)
- July 21-23, 2009 (closed) | [Meeting Notice](#)

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